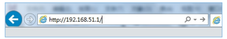
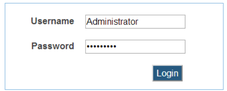
C Device Management (continued)

Step **2** Enter the network security key: "**12345678**".

Step **3** Access the URL address ("**http://192.168.51.1**" in this example) that is displayed on the **Ready To Connect** screen with a web browser on the laptop.



Step **4** The Username is "**Administrator**" and Password is "**Actiontec**" by default.

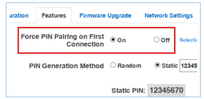


Note: The username and password are case sensitive.

C Device Management (continued)

PIN Enforcement

Select the **Features** tab, and you can find the **Force PIN Pairing on First Connection** feature.



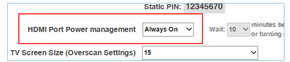
- Select "**Off**" to disable the PIN enforcement function. PIN entry or PBC is required when connecting your device to the receiver for the first time.
- Select "**On**" to enable the PIN enforcement function. In this case, you must enter a PIN code on the device connecting to the receiver for the first time. When this function is enabled, the system provides two PIN generation methods: **Random** and **Static.**
  - **Random**: A PIN code is generated randomly by the system and displayed on the connected HDTV/projector.
  - **Static**: Users can enter seven (7) digits in the **Static** box, then click the "**Apply**" button, and the system generates an eight (8) digit PIN and display it on the **Static PIN** field. This PIN will not be displayed on the connected HDTV/projector.

Click the "**Apply**" button to confirm new settings. New settings take effect immediately.

C Device Management (continued)

HDMI Power Management

Select the **Features** tab, and you can find the **HDMI Port Power management** feature. There are three states for the HDMI port when the receiver is idle: **Always On**, **Screensaver**, and **HDMI Off**.



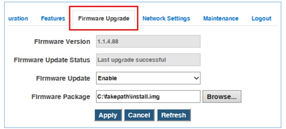
- **Always On**: Selecting this option, the HDMI output is turned on all the time.
- **Screensaver**: Selecting this option, the system will run the screensaver after the defined Wait time expires. Users can define the **Wait time (2, 10, or 30 minutes) in the Wait** box.
- **HDMI Off**: Selecting this option, the HDMI output will be turn off after the defined Wait time expires. Users can define the **Wait time (2, 10, or 30 minutes) in the Wait** box.

Click the "**Apply**" button to confirm new settings. New settings take effect immediately.

C Device Management (continued)

Firmware Upgrade

Select the **Firmware Upgrade** tab to display firmware upgrade features. Download the latest firmware from "https://upgrade.actiontec.com" before upgrading the receiver.



Follow the steps below to upgrade the receiver,

Step **1** Select "**Enable**" in the **Firmware Update** dropdown box.

Step **2** Click the "**Browse**" button beside the **Firmware Package** box and select the firmware (install.img) you have downloaded.

Step **3** Click the "**Apply**" button to upload the firmware file to the receiver. This process may take several minutes.

Step **4** After the file is uploaded successfully, the receiver will start firmware upgrade automatically.

Product Support & Additional Information

Go to **http://www.actiontec.com/support** for product support, updates, and more information including:

• Firmware Updates • Troubleshooting • Registration • FAQs

Declarations of Conformity (DoC)
To obtain the complete DoC form in softcopy, go to the Actiontec Electronics Declarations of Conformity EU/EEA website at **http://international.actiontec.com/support/doc**
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This product has a 1-year Limited Hardware Warranty and 90-day free software updates from date of purchase.

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Actiontec®

Wireless Display Receiver

ScreenBeam™ *Pro* -Education Edition

Model#: SBWD100A EDU

Installation Guide

This Installation Guide will walk you through the easy steps to set up your ScreenBeam Pro - Education Edition Wireless Display Receiver. During this process, we'll show you how to:

A Install the Receiver
B1 Connect Using Intel WiDi App
B2 Connect Using Windows 8.1 or Higher
B3 Connect Using WiFi Miracast-Enabled Device
C Device Management

NEXT

Part No.: 0530-0741-000

Welcome!

Thank you for your purchase of the ScreenBeam Pro - Education Edition Wireless Display Receiver. Once connected to your compatible mobile device, you'll be able to project your device's screen wirelessly, to a selected HDTV monitor or projector.

A Install the Receiver

Step 1 Get the **Receiver**, **Power Adapter**, and **HDMI cable** from the product box.

Step 2 Plug one end of the supplied **HDMI cable** into the **HDMI port** on the Receiver, and the other end into an available HDMI port on the HDTV.

Step 3 Plug the **connector** of the **power cord** into the **Receiver**, and the **AC adapter** into a **power outlet**.

When Steps 1, 2, and 3 are complete, the hardware should be connected as shown in the figure below.

Note: The power outlet and cable may appear different than those shown in the figure.

Step 4 Make sure the **HDTV** is **turned on** and set to **display** the input from the **correct HDMI port** (the one you plugged into during Step 2).

Step 5 Verify that the **Ready to Connect** screen appears on the HDTV.

The Receiver is now connected to your HDTV. Proceed to one of the next three sections of this Guide (depending on the device you are using to connect to ScreenBeam Pro) to finish the connection procedure.

B1 Connect Using Intel WiDi App

Note: If your device's OS is Windows 8.1 or higher, proceed to **section B2** ("Connect Using Windows 8.1 or Higher") for connection instructions.

Step 1 Find the Intel Wireless Display application on the device and launch it. To find the application, go to **Windows Search** on your device and search for "Intel WiDi" in your apps.

Step 2 The device scans for available receivers. Select the receiver with the **same name** as seen on the **HDTV** and click **Connect**. (The **Connect Automatically** checkbox is optional.)

Step 3 Enter the PIN provided by your system administrator (or as displayed on the TV screen) on the WiDi device, and then click **Continue.**

Note: The default PIN is "**12345670**". You can obtain the PIN from your system administrator if no PIN is displayed on the HDTV.

Step 4 The HDTV displays messages to show the status of the connection process.

Step 5 A **Connection Successful** screen appears on your device's screen, as well as on the HDTV.

Display Tip: If the edges of the device screen cannot be seen on the HDTV, adjust cropping. To do this, enter the WiDi application and click **Settings**. Navigate to the "**Picture and Sound**" section, click **Adjust cropping…**, and adjust the HDTV picture by clicking **plus (+) or minus (-).**

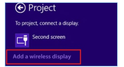
Note: Make sure the device supports Intel Wireless Display (WiDi) software version 3.5 or higher. To find out what version of Intel WiDi your device has, enter the Intel WiDi application and click **Help**, then navigate to the "About WiDi" section. To obtain the latest Intel WiDi software and drivers, go to: **http://www.intel.com/go/wirelessdisplayupdate**

B2 Connect Using Windows 8.1 or Higher

Step 1 From the Windows desktop, navigate to the **Charms** menu and select **Devices**. You can also use the shortcut keys, **Windows + K.**

Step 2 From the **Charms** menu, click the **Project** icon.

Step 3 From the **Project** screen, select **Add a wireless display.**



Step 4 Select the **ScreenBeam Receiver** from the list.

Step 5 Enter the PIN provided by your system administrator (or as displayed on the TV screen), and then connect.
Note: The default PIN is "**12345670**".

Note: If you are running Windows 8.1 and the screens above do not appear, go to **http://www.actiontec.com/widi81** for the latest software updates.

B3 Connect Using Miracast-Enabled Device

You can connect to ScreenBeam Pro from a Miracast-enabled Android device, such as a smartphone, tablet, or game console (find the wireless display feature under**Settings**). Also, the device should be running the latest software for best performance.

Step 1 On a Miracast-enabled Android device, locate and open the **Wireless Display Application**.

Note: The name of the Wireless Display Application depends on the device type and model. Refer to the device's carrier or manufacturer user manual for more details.

Step 2 The Wireless Display Application scans for available receivers. Select the **ScreenBeam Receiver** from the list.

Step 3 Enter the PIN provided by your system administrator (or as displayed on the TV screen), and then connect.
Note: The default PIN is "**12345670**".

C Device Management

The device management webpage provides the ability to manage the receiver's settings (such as PIN enforcement, HDMI power management, and firmware upgrade).

Log into the IT Management Console

Step 1 Connect to the Receiver **SSID** (which is displayed on the **Ready To Connect** screen) from a wireless enabled laptop.

Flip this Guide over to continue

NEXT